

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) An arrangement for manufacturing a PET bottle having a handle formed on a body, comprising:

a preform blow mold for blowing air into a preform manufactured by injection molding to expand the preform in a predetermined ratio to a complete shape so as to allow a handle section to be compressed;

~~a blow mold having~~ a handle forming portion for compressing both sides of the bottle to form the handle section;

a cutting apparatus ~~including a mold punch~~ for cutting off the compressed portion of the handle section compressed by the handle forming portion;

a bonding apparatus for bonding a cut-off portion remaining in the handle section after cutting off the compressed portion of the handle section; and

a bottle-shaped blow mold having a handle forming portion configured to penetrate the body of the bottle through the cut-off aperture of the handle section.

~~a conveyer for conveying the preform or the molded PET bottle while clamping a neck of the preform or a neck of the molded PET bottle;~~

~~wherein the bonding apparatus is an insert injection mold for bonding ends of the cut-off portion to each other by insert injection, the insert injection mold including a compressing member for compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off the compressed portion of the handle section.~~

2. (Currently amended) The arrangement ~~as set forth in~~ of claim 1, wherein the bonding apparatus is an insert injection mold for bonding ends of the cut-off portion to each other by insert injection, the insert injection mold including a compressing member for compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off the compressed portion of the handle section. further

~~comprising a bottle-shaped blow mold having a handle-forming portion configured to penetrate the body of the bottle upon compressing both sides of the bottle.~~

3. (Currently amended) The arrangement ~~as set forth in~~ of claim 1, wherein the cutting apparatus includes a ~~the~~ mold punch which has a heater installed on an end ~~of the mold punch~~.

4-5. (Canceled)

6. (Currently amended) A method of manufacturing a PET bottle having a handle formed on a body, comprising the steps of:

a) performing ~~a first~~ a blowing operation to blow compressed air into a preform manufactured by injection molding in order to form a first hollow PET container after mounting the preform to a preform blow mold;

b) ~~performing a second blowing~~ a compressing operation with a handle forming portion ~~to blow compressed air into the first PET container~~ in order to form a second PET container having a handle section formed on a predetermined area of the second PET container ~~after mounting the first PET container to a blow mold having a handle-forming portion;~~

c) cutting off a compressed portion of the handle section of the second PET container in order to form a third PET container; ~~and~~

d) bonding a cut-off portion remaining in the handle section of the third PET container after the step c) to a predetermined thickness ~~through insert injection molding in an insert injection mold in order to form a fourth PET container; and~~

e) blowing compressed air into the fourth PET container in order to form a fifth PET container, the bonded portion of which is embedded into the PET container, after mounting the fourth PET container to a bottle-shaped blow mold having a handle forming portion penetrating the body of the fourth PET container through the cut-off aperture of the handle section.

7. (Canceled)

8. (Currently amended) The method ~~as set forth in~~ of claim 6, wherein, when the second PET container has a large thickness, the step c) is performed by use of a mold punch having a heater installed on an end ~~of the mold punch~~.

9-10. (Canceled)

11. (Currently amended) The method ~~as set forth in~~ of claim 6, wherein the bonding process of the step d) is preformed through insert injection molding in a insert injection mold further comprising the step of:

~~—e) blowing compressed air into the fourth PET container in order to form a fifth PET container after mounting the fourth PET container to a bottle-shaped blow mold having a handle forming portion penetrating a body of the fourth PET container upon blowing.~~

12-21. (Canceled)

22. (Currently amended) An arrangement for manufacturing a PET bottle having a handle formed on a body through injection molding from a preform manufactured by injection molding, comprising at least:

[[A]]a bonding apparatus for bonding a cut-off portion remaining in a handle section after cutting off a compressed portion of the handle section, included in an arrangement for manufacturing a PET bottle having a handle formed on a body, wherein the bonding apparatus is an insert injection mold for bonding ends of the cut-off portion to each other by insert injection, the insert injection mold including a compressing member for compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off the compressed portion of the handle section; and

a bottle-shaped blow mold having a handle forming portion configured to penetrate the body of the bottle through the cut-off aperture of the handle section.

23. (Currently amended) A method of manufacturing a PET bottle having a handle formed on a body through injection blow molding from a preform manufactured by injection

molding, comprising at least the steps of: bonding a cut-off portion remaining in a handle section of a PET container during manufacturing a PET bottle having a handle formed on a body, comprising:

a) bonding a cut-off portion remaining in the handle section after cutting off a compressed portion of the handle section; compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off a compressed portion of the handle section with a compressing member included in a insert injection mold; and

b) mounting the PET container to a bottle-shaped blow mold having a handle forming portion penetrating the body of the PET container through the cut-off aperture of the handle section; and bonding ends of the cut-off portion to each other by insert injection with the insert injection mold

c) blowing compressed air into the PET container in order to form a PET container, the bonded portion of which is embedded into the PET container.

24. (New) The arrangement of claim 22, wherein the bonding apparatus is an insert injection mold for bonding ends of the cut-off portion to each other by insert injection, the insert injection mold including a compressing member for compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off the compressed portion of the handle section.

25. (New) The method of claim 23, wherein the bonding process of the step a) comprising:

compressing both sides of an intermediate portion of the cut-off portion remaining in the handle section after cutting off a compressed portion of the handle section with a compressing member included in a insert injection mold; and

bonding ends of the cut-off portion to each other by insert injection with the insert injection mold.